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OMB Approval Number: 2050-0095
Approved for Use Through: 4/95

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: TN	CERCLIS Number: TND000814525
	CERCLIS Discovery Date: 10/21/02	

1. General Site Information

Name: Athens Furniture Industries Inc.		Street Address: 1241 Frye Street			
City: Athens	State: TN	Zip Code: 37303	County: McMinn	Co. Code: 54	Cong. Dist:
Latitude: 35° 26' 31.0"	Longitude: 82° 33' 46.0"	Approx. Area of Site: 0 sq feet		Status of Site: Inactive	

2. Owner/Operator Information

Owner: W. G. Clark, Alisha Clark			Operator: none		
Street Address: P.O. Box 1710			Street Address:		
City: Athens			City:		
State: TN	Zip Code: 37371-1710	Telephone: n/a	State:	Zip Code:	Telephone:
Type of Ownership: Private			How Initially Identified: Incidental		

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SITE: Athens Furniture
BREAK: 1/8
OTHER: VS



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		CERCLIS Discovery Date: 10/21/02	
3. Site Evaluator Information			
Name of Evaluator: Angela Young		Agency/Organization: TDEC-Division of Superfund	
Date Prepared: 2/10/03			
Street Address: 540 McCaulie Ave Suite 550		City: Chattanooga	State: TN
Name of EPA or State Agency Contact: Nestor Young		Telephone:	
Street Address:		City:	State:
4. Site Disposition (for EPA use only)			
Emergency Response/Removal Assessment Recommendation: No	CERCLIS Recommendation: Higher Priority SI	Signature:	
Date:	Date:	Name:	
		Position:	

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5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site: Industrial Commercial Residential	Site Setting: Urban	Years of Operation: Beginning Year: 1905 Ending Year: 2001
Type of Site Operations: Manufacturing Lumber and Wood Products Retail RCRA Small Quantity Generator	Waste Generated: Onsite	
	Waste Deposition Authorized By: Former Owner	
	Waste Accessible to the Public Yes	
	Distance to Nearest Dwelling, School, or Workplace: 50 Feet	

6. Waste Characteristics Information

Source Type Contaminated soil	Quantity 5.00e+00 acres	Tier A	General Types of Waste: Organics Solvents Paints/Pigments
Tier Legend C = Constituent W = Wastestream V = Volume A = Area			Physical State of Waste as Deposited Liquid

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7. Ground Water Pathway			
Is Ground Water Used for Drinking Water Within 4 Miles: Yes	Is There a Suspected Release to Ground Water: Yes	List Secondary Target Population Served by Ground Water Withdrawn From:	
Type of Ground Water Wells Within 4 Miles: Municipal	Have Primary Target Drinking Water Wells Been Identified: Yes	0 - 1/4 Mile 3	
	Primary Target Population: 3	>1/4 - 1/2 Mile 0	
Depth to Shallowest Aquifer: 50 Feet		Nearest Designated Wellhead Protection Area: None within 4 Miles	>1/2 - 1 Mile 0
	>1 - 2 Miles 0		
Karst Terrain/Aquifer Present: Yes		>2 - 3 Miles 17000	
		>3 - 4 Miles 0	
		Total 17003	

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8. Surface Water Pathway		Part 1 of 4
Type of Surface Water Draining Site and 15 Miles Downstream: Stream Lake	Shortest Overland Distance From Any Source to Surface Water: 0 Feet 0.0 Miles	
Is there a Suspected Release to Surface Water: Yes	Site is Located in: Annual - 10 yr floodplain	

8. Surface Water Pathway	Part 2 of 4
Drinking Water Intakes Along the Surface Water Migration Path: No	
Have Primary Target Drinking Water Intakes Been Identified: No	
Secondary Target Drinking Water Intakes: None	

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8. Surface Water Pathway

Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries:

Fishery Name	Water Body Type/Flow(cfs)
Oostanaula Creek	small-moderate stream/ 10-100

8. Surface Water Pathway

Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) Yes

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:

None

Other Sensitive Environments Along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:

None

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9. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination: Yes Total Resident Population: 5	Number of Workers Onsite: None
Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination: No	

10. Air Pathway

Total Population on or Within: Onsite 0 0 - 1/4 Mile 0 >1/4 - 1/2 Mile 0 >1/2 - 1 Mile 0 >1 - 2 Miles 0 >2 - 3 Miles 0 >3 - 4 Miles 0 Total 0	Is There a Suspected Release to Air: No Wetlands Located Within 4 Miles of the Site: No Other Sensitive Environments Located Within 4 Miles of the Site: No
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Sensitive Environments Within 1/2 Mile of the Site:
None

PA-Score

PA SCORESHEETS

Site Name: Athens Furniture Industries Inc.
CERCLIS ID No.: TND000814525
Street Address: 1241 Frye Street
City/State/Zip: Athens , TN 37303

Investigator: Angela Young
Agency/Organization: TDEC-Division of Superfund
Street Address: 540 McCaulie Ave Suite 550
City/State: Chattanooga, TN

Date: 2/10/03

s0B WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

1 contaminated soil	Contaminated soil	WQ value	maximum
Area	5.00E+00 acres	6.41E+00	6.41E+00

**** Only First WC Page Is Printed ****

Waste Characteristics Score: WC = 18

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Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	U
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	U
Is precipitation heavy? (y/n/u)	U
Is the infiltration rate high? (y/n/u)	U
Is the site located in an area of karst terrain? (y/n)	Y
Is the subsurface highly permeable or conductive? (y/n/u)	U
Is drinking water drawn from a shallow aquifer? (y/n/u)	Y
Are suspected contaminants highly mobile in ground water? (y/n/u)	Y
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for Suspected Release:

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Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)	Y
Has any nearby drinking water well been closed? (y/n/u)	N
Has any nearby drinking water well user reported foul-testing or foul-smelling water? (y/n/u)	N
Does any nearby well have a large drawdown/high production rate? (y/n/u)	U
Is any drinking water well located between the site and other wells that are suspected to be exposed to a hazardous substance? (y/n/u)	U
Does analytical or circumstantial evidence suggest contamination at a drinking water well? (y/n/u)	U
Does any drinking water well warrant sampling? (y/n/u)	Y
Other criteria? (y/n)	N

PRIMARY TARGET(S) IDENTIFIED? (y/n) Y

Summarize the rationale for Primary Targets:

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GROUND WATER PATHWAY SCORESHEETS

thway Characteristics

			Ref.
Do you suspect a release? (y/n)	Yes		
Is the site located in karst terrain? (y/n)	Yes		
Depth to aquifer (feet):	50		
Distance to the nearest drinking water well (feet):	1320		
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =		550 0	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 3 person(s)	30		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) N	817	0	
5. NEAREST WELL	50	0	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	5	0	
T =		902 0	

WASTE CHARACTERISTICS

WC =

32	0
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GROUND WATER PATHWAY SCORE:

100

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s0B Ground Water Target Populations

Primary Target Population Drinking Water Well ID	Dist. (miles)	Population Served	Reference	Value
1 residence Rocky Mount Rd	0.48	3		30
*** Note : Maximum of 5 Wells Are Printed ***				Total
				30

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	3		1
Greater than 1/4 to 1/2 mile	0		0
Greater than 1/2 to 1 mile	0		0
Greater than 1 to 2 miles	0		0
Greater than 2 to 3 miles	17000		816
Greater than 3 to 4 miles	0		0
			Total
			817

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s0B Apportionment Documentation for a Blended System

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Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	U
Is the drainage area large? (y/n/u)	U
Is rainfall heavy? (y/n/u)	U
Is the infiltration rate low? (y/n/u)	Y
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	Y
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	Y
Is vegetation stressed along the probable runoff path? (y/n/u)	N
Are sediments or water unnaturally discolored? (y/n/u)	N
Is wildlife unnaturally absent? (y/n/u)	N
Has deposition of waste into surface water been observed? (y/n/u)	Y
Is ground water discharge to surface water likely? (y/n/u)	N
Does analytical/circumstantial evidence suggest S.W. contam? (y/n/u)	Y

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for Suspected Release:

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Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u)	If yes:	N
Drinking water intake		
U Fishery		
U Sensitive environment		
Has any intake, fishery, or recreational area been closed? (y/n/u)		N
Does analytical or circumstantial evidence suggest surface water contamination at or downstream of a target? (y/n/u)		N
Does any target warrant sampling? (y/n/u)	If yes:	N
Drinking water intake		
U Fishery		
U Sensitive environment		

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n)

Summarize the rationale for Primary Intakes:

continued -----

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continued -----

Other criteria? (y/n) N

PRIMARY FISHERY(IES) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Fisheries:

Other criteria? (y/n) N

PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Sensitive Environments:

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SURFACE WATER PATHWAY SCORESHEETS

thway Characteristics			Ref.
Do you suspect a release? (y/n)	Yes		
Distance to surface water (feet):	0		
Flood frequency (years):	1-10		
What is the downstream distance (miles) to:			
a. the nearest drinking water intake?	0.0		
b. the nearest fishery?	0.0		
c. the nearest sensitive environment?	0.0		
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

3

s0B Drinking Water Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
3. Determine the water body type, flow (if applicable), and number of people served by each drinking water intake.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): Y	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	5	0	
T =	5	0	

Drinking Water Threat Target Populations

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
None					
Total Primary Target Population Value					0
Total Secondary Target Population Value					0

*** Note : Maximum of 6 Intakes Are Printed ***

s0B Apportionment Documentation for a Blended System

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s0B Human Food Chain Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
8. Determine the water body type and flow for each fishery within the target limit.			
9. PRIMARY FISHERIES	0		
10. SECONDARY FISHERIES	210	0	
T =	210	0	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Oostanaula Creek	N	10-100 cfs		30
Total Primary Fisheries Value				0
Total Secondary Fisheries Value				210

*** Note : Maximum of 6 Fisheries Are Printed ***

s0B Environmental Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
11. Determine the water body type and flow (if applicable) for each sensitive environment.			
12. PRIMARY SENSITIVE ENVIRONMENTS	0		
13. SECONDARY SENSITIVE ENVIRONS.	0	0	
T =	0	0	

Environmental Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
None				
Total Primary Sensitive Environments Value				0
Total Secondary Sensitive Environments Value				0
*** Note: Maximum of 6 Sensitive Environments Are Printed ***				

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s0B Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Targets(T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	550	5	18	1
Human Food Chain	550	210	18	25
Environmental	550	0	18	0

SURFACE WATER PATHWAY SCORE:

26

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Soil Exposure Pathway Criteria List
Resident Population

Is any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination? (y/n/u)	Y
Is any residence, school, or daycare facility located on adjacent land previously owned or leased by the site owner/operator? (y/n/u)	Y
Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities? (y/n/u)	Y
Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems? (y/n/u)	U
Does any neighboring property warrant sampling? (y/n/u)	Y

Other criteria? (y/n) N

RESIDENT POPULATION IDENTIFIED? (y/n) Y

Summarize the rationale for Resident Population:

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SOIL EXPOSURE PATHWAY SCORESHEETS

thway Characteristics

Ref.

Do any people live on or within 200 ft of areas of suspected contamination? (y/n)	Yes	
Do any people attend school or daycare on or within 200 ft of areas of suspected contamination? (y/n)	Yes	
Is the facility active? (y/n):	No	

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 5 resident(s) 0 school/daycare student(s)	50	
3. RESIDENT INDIVIDUAL	50	
4. WORKERS None	0	
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	5	
T =	105	

WASTE CHARACTERISTICS

WC =

18

RESIDENT POPULATION THREAT SCORE:

13

NEARBY POPULATION THREAT SCORE:

0

Population Within 1 Mile: None

SOIL EXPOSURE PATHWAY SCORE:

13

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s0B Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		
*** Note : Maximum of 7 Sensitive Environments Are Printed ***		

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Air Pathway Criteria List
Suspected Release

Are odors currently reported? (y/n/u) N

Has release of a hazardous substance to the air
been directly observed? (y/n/u) N

Are there reports of adverse health effects (e.g., headaches,
nausea, dizziness) potentially resulting from migration
of hazardous substances through the air? (y/n/u) U

Does analytical/circumstantial evidence suggest release to air? (y/n/u) N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

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AIR PATHWAY SCORESHEETS

thway Characteristics

Do you suspect a release? (y/n)			No	Ref.
Distance to the nearest individual (feet):			0	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References	
1. SUSPECTED RELEASE	0			
2. NO SUSPECTED RELEASE		500		
LR =		0		

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	0	
5. NEAREST INDIVIDUAL	0	0	
6. PRIMARY SENSITIVE ENVIRONS.	0		
7. SECONDARY SENSITIVE ENVIRONS.	0	0	
8. RESOURCES	0	0	
T =		0	0

WASTE CHARACTERISTICS

WC =

0	18
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AIR PATHWAY SCORE:

0

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s0B Air Pathway Secondary Target Populations

Distance Categories	Population	References	Value
Onsite	0		0
Greater than 0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	0		0
Greater than 1/2 to 1 mile	0		0
Greater than 1 to 2 miles	0		0
Greater than 2 to 3 miles	0		0
Greater than 3 to 4 miles	0		0
Total Secondary Population Value			0

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s0B Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed***
Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
None			
Total Secondary Sensitive Environments Value			

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TE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	100
SURFACE WATER PATHWAY SCORE:	26
SOIL EXPOSURE PATHWAY SCORE:	13
AIR PATHWAY SCORE:	0
SITE SCORE:	52

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SUMMARY

1. Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water? No

If yes, identify the well(s).

If yes, how many people are served by the threatened well(s)? 0

2. Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?

A. Drinking water intake

B. Fishery

C. Sensitive environment (wetland, critical habitat, others)

No

Yes

No

If yes, identity the target(s).

3. Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility? No

If yes, identify the properties and estimate the associated population(s)

4. Are there public health concerns at this site that are not addressed by PA scoring considerations?

No

If yes, explain:

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REFERENCE LIST